JAN 0 9 2006 W

Title: CONTROLLING THE DYNAMIC RANGE OF AN AVALANCHE PHOTODIODE Inventor: J. Christopher Dries, Darin J. Douma and Rudolf J. Hofmeister

Docket No.: 15436.250.33.1 Serial No.: 10/698,558 Office Action Dated: September 8, 2005

REPLACEMENT SHEET

1 / 5

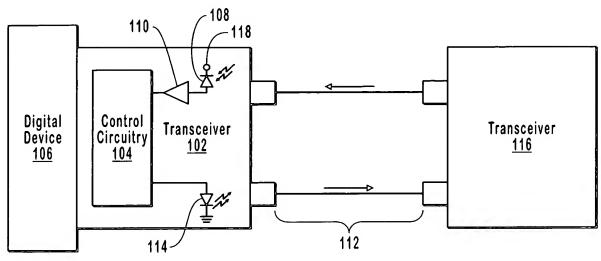


Fig. 1 210 -232 **Anode Contact** -226 p+ InP -216 n.i.d. InP -214 n InP n.i.d. Q1.1 - 224 n.i.d. Q1.3 n.i.d. Q1.5 - 212 n.i.d InGaAs - 222 InP - 220 N+ InP 230 ⁼ 230 -218

Fig. 2

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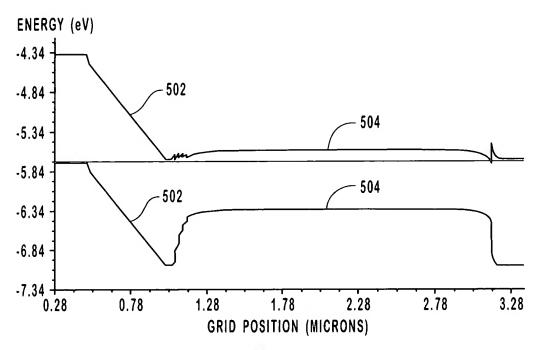


Fig. 5

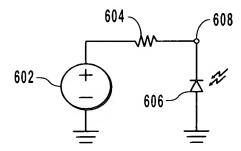


Fig. 6A

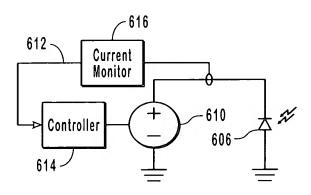


Fig. 6B